



ELSEVIER

Robotics and Autonomous Systems 26 (1999) 309–310

**Robotics and  
Autonomous  
Systems**

## Contents Volume 26

<i>A. A. Kassim and B. V. K. Vijaya Kumar</i> Path planners based on the wave expansion neural network	1
<i>M. Seitz</i> Towards autonomous robotic servicing: Using an integrated hand–arm–eye system for manipulating unknown objects	23
Robotics Competition Corner	43
Calendar	45
Author Index to Volumes 11–25	47
Subject Index to Volumes 11–25	67
<b>Special Issue: Field and Service Robotics</b> <b>Guest Editors: Alexander Zelinsky, Andrew Russell, Lindsay Kleeman</b>	
<i>A. Zelinsky, A. Russell and L. Kleeman</i> Editorial	77
<i>E. M. Nebot and H. Durrant-Whyte</i> A high integrity navigation architecture for outdoor autonomous vehicles	81
<i>A. Howard and L. Kitchen</i> Navigation using natural landmarks	99
<i>A. Halme, J. Suomela and M. Savela</i> Applying telepresence and augmented reality to teleoperate field robots	117
<i>D. Wettergreen, D. Bapna, M. Maimone and G. Thomas</i> Developing Nomad for robotic exploration of the Atacama Desert	127
<i>D. Jung and A. Zelinsky</i> An architecture for distributed cooperative planning in a behaviour-based multi-robot system	149
<i>O. Khatib</i> Mobile manipulation: The robotic assistant	175

<i>N. Molton, S. Se, M. Brady, D. Lee and P. Probert</i> Robotic sensing for the partially sighted	185
<i>M.V. Srinivasan, J.S. Chahl, K. Weber, S. Venkatesh, M.G. Nagle and S.W. Zhang</i> Robot navigation inspired by principles of insect vision	203
<i>K. Kotay and D. Rus</i> Locomotion versatility through self-reconfiguration	217
Robotics Competition Corner	233
International Festival of Sciences and Technologies (Announcement)	235
Calendar	237
<i>S. Huang and W. Ren</i> Vehicle longitudinal control using throttles and brakes	241
<i>S.B.H. Bruder</i> An information centric approach to heterogeneous multi-sensor integration for robotic applications	255
<i>M. Annapragada and S.K. Agrawal</i> Design and experiments on a free-floating planar robot for optimal chase and capture operations in space	281
Call for Papers	299
Calendar	301
Author Index to Volume 26	305
Subject Index to Volume 26	307
Contents Volume 26	309

